



**CALTRANS EQUIPMENT OPERATOR 1 & 2**

**Agency Code: 4499 – Class Code: 6890 – Exam Code: 1pb17**

**This multi-level examination is for:**

**114499-00106890-1pb17 CALTRANS EQUIPMENT OPERATOR 1  
114499-00106286-1PB17 CALTRANS EQUIPMENT OPERATOR 2**

<b>Department(s):</b>	<b>Department of Transportation</b>
<b>Opening Date:</b>	<b>9/8/2011 4:10:00 PM</b>
<b>Closing Date:</b>	<b>Continuous</b>
<b>Type of Examination:</b>	<b>Departmental Open</b>
<b>Salary:</b>	<b>MONTHLY RANGE SALARY-CEO 1-\$3201 TO \$3662,CEO 2-\$3419 to \$3929</b>
<b>Employment Type:</b>	<b>Permanent Full-time Permanent Part-time Permanent Intermittent Limited Term Full-time Limited Term Part-Time Limited Term Intermittent</b>
<b>Exam Type:</b>	<b>SPOT Exam Single Selection</b>
<b>Location(s):</b>	<b>Dist 01 Caltrans Eureka Dist 02 Caltrans Redding Dist 03 Caltrans Marysville Dist 04 Caltrans Oakland Dist 05 Caltrans San Luis Obispo Dist 06 Caltrans Fresno Dist 07 Caltrans Los Angeles Dist 08 Caltrans San Bernardino Dist 09 Caltrans Bishop Dist 10 Caltrans Stockton Dist 11 Caltrans San Diego Dist 12 Caltrans Irvine Sacramento County</b>

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## EEO

An equal opportunity employer to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

## DRUG FREE STATEMENT

It is an objective of the state of California to achieve a drug-free state work place. Any applicant for state employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the state, the rules governing civil service and the special trust placed in public servants.

## WHO SHOULD APPLY?

Candidates who meet the minimum qualifications as stated below may apply for this examination at any time. Once you have taken the examination, you may not reapply for 12 months. All applicants must meet the education and/or experience requirements as stated on this examination announcement.

## FILING INSTRUCTIONS

The "application" and the Training & Experience Examination is filed and completed online.

**You may take this on line examination by clicking the link provided at the bottom of this bulletin.**

## SPECIAL TESTING ARRANGEMENTS

If you have a disability and need special testing arrangements, call the Department of Transportation at 916-227-7858. California Relay Service: 1-800-735-2922 or TYY 1-800-734-2929

## SALARY INFORMATION

Caltrans Equipment Operator 1 - \$3201.00 to \$3662.00

Caltrans Equipment Operator 2 - \$3419.00 to \$3929.00

## ELIGIBLE LIST INFORMATION

AN OPEN DEPARTMENTAL MERGED eligible list will be established for the **Department of Transportation**. Names of successful competitors will be merged onto the eligible list in order of final score regardless of date. Eligibility expires 24 months after it is established. Eligibles must then retake the Training and Experience Evaluation to re-establish eligibility.

**A candidate may be tested only once during a 12 month period.**

## REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION

**NOTE:** All applicants must meet the education and/or experience requirements as stated on this examination announcement.

**\* License and endorsement is required at the time of application and on line examination.**

**PLEASE NOTE:** You must possess a valid and unrestricted driver license (Class B for Equipment Operator 1) and/or (Class A for Equipment Operator 2) with an N endorsement for Tank Vehicle.

## **MINIMUM QUALIFICATIONS**

**Caltrans Equipment Operator 1** - You must possess a valid and unrestricted **CLASS B** driver license with an **N endorsement** for tank Vehicle.

**AND**

Either I

One year of experience in the California state service performing the duties of a Caltrans Landscape Maintenance Worker.

**Or II**

Either:

1. Two years of experience in the California Department of Transportation performing the duties of a Service Assistant (Maintenance) including training in operation of highway maintenance or construction equipment. **or**

2. One year of experience within the last five years (this time limitation is extended for a period equivalent to that spent in recognized military service during the last five years) in operating highway construction or maintenance equipment or in operating light trucks requiring a Class B commercial driver license. **or**

3. Possession of certification as a Heavy Equipment Operator Technician from a college or university accredited by the California Superintendent of Public Instruction, or a college or university approved by the Bureau on Private Postsecondary and Vocational Education, under the provisions of California Education Code Chapter 3, Part 59, Division 10.

**Caltrans Equipment Operator 2** - You must possess a valid and unrestricted **CLASS A** driver license with an **N endorsement** for Tank Vehicle.

**AND**

Either I

One year of experience in the California state service performing the duties of a Caltrans Equipment Operator I.

**Or II**

Two years of experience in the California state service performing the duties of a Caltrans Highway Maintenance Worker, Caltrans Landscape Maintenance Worker, or Tree Maintenance Worker.

**Or III**

1. Three years of experience in the California Department of Transportation performing the duties of a Service Assistant (Maintenance) including training in and operation of heavy or complex maintenance or construction equipment. **or**
2. Two years of experience within the last five years (this time limitation is extended for a period equivalent to that spent in recognized military service during the last five years) in operating highway, structure, emergency service, landscape, or construction equipment. **or**
3. Possession of certification as a Heavy Equipment Operator Technician from a college or university accredited by the California Superintendent of Public Instruction, or a college or university approved by the Bureau on Private Postsecondary and Vocational Education, unless the provisions of California Education Code Chapter 3, Part 59, Division 10.

## **POSITION DESCRIPTION**

### **Caltrans Equipment Operator 1:**

Incumbents operate vehicles requiring a Class B commercial driver license with a tank vehicle endorsement and operate and service specified equipment used in highway maintenance, structures maintenance, emergency service, landscape, or construction. When not operating the specified equipment, may perform any of the duties outlined under Caltrans Highway Maintenance Worker or Caltrans Landscape Maintenance Worker; and do other related work.

### **Caltrans Equipment Operator 2:**

Incumbents operate vehicles requiring a Class A commercial driver license with a tank vehicle endorsement and operate and service specified equipment used in highway maintenance, structures maintenance, emergency service, landscape or construction. When not operating the specified equipment, may perform any of the duties outlined under Caltrans Equipment Operator I, Caltrans Highway Maintenance Worker, or Caltrans Maintenance Worker; and do other related work.

## **EXAMINATION INFORMATION**

Training and Experience Evaluation Examination-weighted 100%

The examination will consist of a Training and Experience Evaluation (weighted 100%), which is the sole component of the Caltrans Equipment Operator 1 and 2 examination. In order to obtain a position on the eligible list, a minimum rating of 70% must be attained. An applicant will receive his/her score upon completion of the Training and Experience Evaluation.

[Click here for a preview of the exam questions.](#) (Training and Experience Examination)

## **KNOWLEDGE AND ABILITIES**

### **Caltrans Equipment Operator I**

#### **Knowledge of:**

1. Operation and care of automotive equipment including light trucks.
2. How to operate equipment such as dump trucks, front loaders, mowers, and paint trucks to maintain, repair, and/or construct highways.
3. Minor construction, repair, and maintenance work.
4. Basic safe work practices to protect their own safety and health and that of others.

5. Provisions of the California Vehicle Code applying to the operation of vehicles.
6. Regulations and safety practices.
7. Highway or structure maintenance procedures.
8. Highway, structure, emergency service, or landscape maintenance and construction equipment including operation, servicing, minor adjustment, and emergency repairs to such equipment.
9. The safety and health policies and procedures contained in the Department's Injury and Illness Prevention Program.
10. Methods used in maintaining and repairing roadways.
11. The proper use of personal protective equipment such as gloves, hard hats, safety vests, and safety eyewear to ensure the safety of oneself while performing work tasks.
12. The installation and repair of sprinkler systems such as control valves, controllers, sprinkler heads, pipes, and flow sensors to ensure landscapes are properly watered.

**Ability to:**

1. Keep records
2. Communicate and follow directions at a level required for successful job performance.
3. Perform heavy manual labor.
4. Assist in work relating to the maintenance of highway, structure, and landscaped areas.
5. Operate highway, structure, and emergency service equipment, making minor adjustments and emergency repairs to such equipment.
6. Operate machine attachments such as loader buckets and tailgate sanders to conduct repair work on highways, bridges, and/or highway areas.
7. Properly and safely use various asphalt paving tools and equipment to repair asphalt.
8. Operate kettles to perform crack sealing.
9. Properly and safely use general maintenance tools and equipment such as ladders, dollies, hammers, wrenches, and screwdrivers to repair highways and/or highway areas.
10. Properly and safely use various landscaping tools such as shears, loppers, tree saws, and wheel barrows to maintain landscaped areas near highways.
11. Properly and safely use various gasoline powered tools such as chain saws, leaf blowers, power washers, augers, and wood chippers to maintain highway areas.
12. Perform general manual labor such as digging, trenching, lifting, carrying, and loading to perform the tasks associated with the job.
13. Read basic plans and schematics to determine where to perform repair and/or maintenance job tasks.
14. Operate hand tools such as shovels, lutes, and pitchforks to spread, smooth, level, or steel-reinforce concrete, stone, asphalt on highways, and/or landscaped areas.
15. Perform basic landscaping procedures such as mowing, pruning, weeding, and fertilizing to maintain various flowers, shrubs, trees, grasses and vegetation near highways.
16. Operate trucks with adjustable attachments such as front plow, attenuator, and towable pull brooms to sweep debris from paved surfaces, mow grass and weeds, and/or remove snow and ice.
17. Learn to install and repair drip irrigation systems to ensure systems are working properly.
18. Operate large vehicle equipment such as dump trucks, front loaders, mowers, and

- striper trucks in various weather and road conditions to transport materials and equipment to and from the job site.
19. Ability to take basic measurements to determine dimensions
  20. Ability to use and maintain tools and equipment such as ladders, dollies, hammers, wrenches, screwdrivers, shears, loppers, tree saws, and wheel barrows.

## **Caltrans Equipment Operator II**

### **Knowledge of:**

1. Operation and care of automotive equipment including light trucks.
2. How to operate equipment such as dump trucks, front loaders, mowers, and paint trucks to maintain, repair, and/or construct highways.
3. Minor construction, repair, and maintenance work.
4. The California Vehicle Code applying to the operation of vehicles.
5. Regulations and safety practices pertaining to highway emergency services.
6. Fire suppression techniques.
7. Emergency first aid.
8. Various highway, structure, emergency service, or landscape maintenance and construction equipment including operation, servicing, minor adjustment, and emergency repairs to such equipment.
9. The safety and health policies and procedures contained in the Department's Injury and Illness Prevention Program.
10. Basic safe work practices.
11. The provisions of the California Vehicle Code as it pertains to the loading and operation of motor vehicles requiring a Class A commercial driver's license to complete highway maintenance work activities.

### **Ability to:**

1. Keep records.
2. Operate a variety of complex or heavy maintenance equipment, and making minor adjustments and emergency repairs to such equipment.
3. Work relating to the maintenance of highway, structure, and landscaped areas.
4. Operate motor graders to maintain shoulders, plow snow, ditching, level fresh asphalt and/or grader blankets.
5. Operate excavators and backhoes to maintain ditches, hammer concrete slabs in roadway, and/or repair banks.
6. Identify the cause of mechanical problems and/or defects to inspect, repair, and/or maintain equipment.
7. Operate a snow plow to ensure the highway is free from snow and drivable.
8. Communicate and follow directions at a level required for successful job performance.
9. Perform heavy manual labor.
10. Assist in work relating to the maintenance of highway, structure, and landscaped areas.
11. Operate highway, structure, and emergency service equipment, making minor adjustments and emergency repairs to such equipment.
12. Operate machine attachments such as loader buckets and tailgate sanders to conduct repair work on highways, bridges, and/or highway areas.
13. Properly and safely use various asphalt paving tools and equipment to repair asphalt.
14. Operate kettles to perform crack sealing.
15. Properly and safely use general maintenance tools and equipment such as ladders, dollies, hammers, wrenches, and screwdrivers to repair highways and/or highway

areas.

16. Properly and safely use various landscaping tools such as shears, loppers, tree saws, and wheel barrows to maintain landscaped areas near highways.
17. Properly and safely use various gasoline powered tools such as chain saws, leaf blowers, power washers, augers, and wood chippers to maintain highway areas.
18. Perform general manual labor such as digging, trenching, lifting, carrying, and loading to perform the tasks associated with the job.
19. Read basic plans and schematics to determine where to perform repair and/or maintenance job tasks.
20. Operate hand tools such as shovels, lutes, and pitchforks to spread, smooth, level, or steel-reinforce concrete, stone, asphalt on highways, and/or landscaped areas.
21. Perform basic landscaping procedures such as mowing, pruning, weeding, and fertilizing to maintain various flowers, shrubs, trees, grasses and vegetation near highways.
22. Operate trucks with adjustable attachments such as front plow, attenuator, and towable pull brooms to sweep debris from paved surfaces, mow grass and weeds, and/or remove snow and ice.
23. Learn to install and repair drip irrigation systems to ensure systems are working properly.
24. Operate large vehicle equipment such as dump trucks, front loaders, mowers, and striper trucks in various weather and road conditions to transport materials and equipment to and from the job site.
25. Ability to take basic measurements to determine dimensions
26. Ability to use and maintain tools and equipment such as ladders, dollies, hammers, wrenches, screwdrivers, shears, loppers, tree saws, and wheel barrows.

## **VETERANS PREFERENCE**

Veterans' Preference Points will be added to the final score of all competitors who are successful in this examination, and who qualify for and have requested, these points through the State Personnel Board. Due to changes in the law, effective January 1, 1996, veterans who have achieved permanent civil service status are not eligible to receive Veterans' Preference Points.

## **CAREER CREDITS**

Career Credits are not granted in this series examination.

## **ADDITIONAL DESIRABLE QUALIFICATIONS**

**All levels: Equivalent to completion of the 12th grade.**

**Caltrans Equipment Operator 1/ Caltrans Equipment Operator 2:**

**Possession of P (Passenger/Bus) and H (Hazardous Materials) endorsements**

## **CONTACT INFORMATION**

If you have any question concerning this announcement, please contact:

California Department of Transportation  
Office of Examinations and Recruitment Services  
PO BOX 168036, MS 86  
Sacramento, CA 95816-8036

California Relay Service Voice 1-800-735-2922 or TTY 1-800-734-2929

## SPECIAL REQUIREMENTS

### Drug Testing Requirement

#### Caltrans Equipment Operator 1 and 2

Applicants for positions in these classes are required to pass a drug-screening test. Testing of current employees who are applicants in an examination or who are transferring is permitted only if the person does not have a current appointment to a class for which drug testing is a requirement.

## DISCLAIMER

Please click on the link below to review the official California State Personnel Board class specification:

<http://spb.ca.gov/jobs/resources/jobspecs.htm>

## GENERAL INFORMATION

**Applications are available** at [www.jobs.ca.gov](http://www.jobs.ca.gov). State Personnel Board offices, local offices of the Employment Development Department and the testing department on this job bulletin.

**If you meet the requirements** stated on this examination bulletin, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination described on this bulletin will be rated against a predetermined job-related rating, and all candidates who pass will be ranked according to their scores.

**The Department of Transportation** reserves the right to revise the examination plan to better meet the needs of the service, if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

**Special Testing Arrangements:** Candidates needing special testing arrangements due to a disability must mark the appropriate box on the application and contact the testing department.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others;



and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub-divisional promotional; 2) departmental promotional; 3) multi-departmental promotional; 4) service-wide promotional; 5) departmental open; 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

**Veterans' Preference Points:** California Law (Government Code 18971-18978) allows the granting of Veterans' Preference Points in open entrance and open, non-promotional entrance examinations. Veterans' Preference Points will be added to the final score of all competitors who are successful in these types of examinations, and who qualify for, and have requested by mail, these points. **In open (only)** entrance examinations, Veterans' Preference Points are granted as follows: 10 points for veterans, widows and widowers of veterans, and spouses of 100% disabled veterans (5 points for widows, widowers, and spouses if the veteran was in the National Guard); and 15 points for disabled veterans. **In open, non-promotional** entrance examinations, Veterans' Preference Points are granted as follows: 10 points for veterans, and 15 points for disabled veterans. Employees who have achieved permanent State civil service status are not eligible to receive Veterans' Preference Points. "Permanent State civil service status" means the status of an employee who is lawfully retained in his/her position after completion of the applicable probationary period. This includes permanent intermittent, part-time, and full-time appointments. In addition, individuals who at any time achieved permanent State civil service status and subsequently resigned, or were dismissed from State civil service are not eligible to receive Veterans' Preference Points. Veteran status is verified by the State Personnel Board (SPB). Directions to apply for Veterans' Preference Points are on the Veterans' Preference Application (Std. Form 1093), which is available at [www.spb.ca.gov](http://www.spb.ca.gov) or from the State Personnel Board, 801 Capitol Mall, Sacramento, CA 95814, and the Department of Veterans Affairs.

**TTY** is a Telecommunications Device for the Deaf and is reachable only from phones equipped with a TTY Device.

#### **TAKING THE EXAM**

**When you click the link below, you will be directed to the Training and Experience Eval the end of the Training and Experience Evaluation, it will be instantly scored.**

[Click here to take the examination](#)